

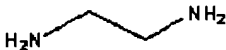
Enter a Chemical Name, CAS Number, Molecular Formula or Weight.

Use * for partial names (e.g. ben*).

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Ethylenediamine [107-15-3]

 Synonyms: 1,2-diaminoethane; 1,2-Ethanediamine; 1,2-ethylenediamine; beta-aminoethylami
 Diaminoethane; Dimethylenediamine; EDA; EN; Ethane-1,2-diamine; Ethanediamine; Ethylen
 Diamine; Ethylene diamine ; Ethylenediamine;

| | | |
|---|--|--|
|  | Tools <input type="button" value="BUY AT CHEMACK.COM"/> <input type="button" value="VIEW CHEMDRAW STRUCT"/> <input type="button" value="VIEW CHEM3D MODEL"/> | OpenChem <input type="button" value="VIEW LINKS"/> <input type="button" value="ADD COMPOUND"/> <input type="button" value="ADD/CHANGE PROPERTY"/> <input type="button" value="ADD LINK"/> |
| | CAS RN Lookup <input type="button" value="THE MERCK INDEX"/> <input type="button" value="NCI DATABASE"/> | |

| | | | |
|-------------------------|--|---------------------------|-------------------------------|
| Formula | C ₂ H ₈ N ₂ | Molecular Weight | 60.0986 |
| CAS RN | 107-15-3 | Melting Point (°C) | 8.5 |
| ACX Number | X1001279-0 | Boiling Point (°C) | 116.5 |
| Density | 0.899 | Vapor Density | 2.07 |
| Refractive Index | 1.457 | Vapor Pressure | 10 |
| Evaporation Rate | 0.91 | Water Solubility | miscible. >=10 g/1 mL at 17 C |
| Flash Point (°C) | 34 | EPA Code | |
| DOT Number | UN 1604 Corrosive material | RTECS | KH8575000 |
| Comments | Colorless liquid or solid with an ammonia-like odor. LACHRYMATOR/HYGROSCOPIC. | | |

More information about the chemical is available in these categories:

| | | | |
|-------------------------------------|-----------------------------|----------------------------|---------------------------------------|
| Health | Misc | MSDS | Pesticides/Herbicides |
| Physical Properties | Regulations | Structures | Trading |

Health (9)

[8\(e\) TRIAGE Chemical Studies Database](#)[ATSDR Internet HazDat Site Contaminant Query](#)[Information about this particular compound](#)[Australian Atmospheric Exposure Standards](#)[Information about this particular compound](#)[CHEMICALS STUDIED through NIEHS's Reproductive Toxicology Group](#)[Idaho Toxic and Hazardous Substances](#)[International Chemical Safety Cards](#)[Information about this particular compound](#)[International Toxicity Estimates for Risk](#)[Information about this particular compound](#)[North American Emergency Response Guidebook 2000 \(ERG 2000\)](#)[Information about this particular compound](#)[RAIS Nonradionuclides Toxicity Values](#)

Misc (1)

[Protocol Analytical Supplies, Inc. Single-component standards](#)

MSDS (1)

[New Jersey Right to Know Hazardous Substance Fact Sheets](#)[Information about this particular compound](#)

Pesticides/Herbicides (2)

[US EPA Status of Pesticides in Registration \(in PDF format\)](#)[USEPA / OPP's Chemical Ingredients Database](#)[Information about this particular compound](#)

Physical Properties (10)

[ABCR GmbH&Co KG](#)[Ethylenediamine, 99%](#)[Ethylenediamine, 99%](#)[Critical Properties of Various Gases](#)[Dielectric Constant Reference Guide](#)[Dutch Dictionary on Organic Chemistry](#)

[Information about this particular compound](#)
[Environmental Science Center database with Experimental Log P coefficients etc.](#)
[Information about this particular compound](#)
[Indiana Relative Chemical Hazard Score \(IRCHS\)](#)
[NFPA Chemical Hazard Labels](#)
[Information about this particular compound](#)
[NIST Chemistry WebBook](#)
[Information about this particular compound](#)
[Quest Consultants Inc.'s Thermodynamic Properties Page](#)

Regulations (11)

[California EPA List of Lists](#)
[Guide to NIOSH/OSHA Air Sampling Methods](#)
[Information about this particular compound](#)
[Information about this particular compound](#)
[List of Regulated Substances Under the LDEQ Chemical Accident Prevention Program](#)
[OSHA Chemical Sampling and Methods](#)
[Information about this particular compound](#)
[OSHA Limits for Air Contaminants](#)
[Regulated Substances under Section 112\(r\) of the Clean Air Act](#)
[Substances in IRIS \(Integrated Risk Information System\) \(main EPA site\)](#)
[Information about this particular compound](#)
[Texas Clean Air Act](#)
[Title III List of Lists](#)
[University of California-Riverside list of compounds that must be reported](#)

Structures (1)

[Some molecular models in .pdb form](#)
[This compound in PDB format](#)

Trading (1)

[Available Chemicals Exchange](#)
[Information about this particular compound](#)

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